Sectt. II-37—30,006—25-12-31.

L S G (1932) Department.

M SERIES.

G.O. No. 1068

DATED 18. 5. 32

[Despatch Abstract.]

MALARIA -

South Kanara District - free distribution of quinine - papers recorded with reference to G.O.786, P.H., dated 8th April 1932.

C.F. 31

Local Self Government **DEPARTMENT.**

SECRETARY TO GOVT. MADRAS LOCAL SELF GOVERNMENT DEPARTMENT

CURRENT No.

Received 22 JUL 1931 192 *Registered* 192 .

27957

Subject.

Malaria- Free distribution of quinine -(South Kanara)- Extension to Coondapoor and Kasaragod taluks- Collector's proposals recommended.

ENCLOSURES.
No.
.
Spare copies

Reference.. No. H 3716/31--1

Station Madras , *Dated the* 20th July 1931 192 .

From

The Board of Revenue, ~~Revenue~~ Land Revenue and Settlement, ~~etc.~~ ~~Separate Revenue~~,

C.A. Souter Esq., I. C. S.,

~~Resolution~~ Reference. Commr. of Land Revenue and Settlement.

Read the following:-

I

(D)

G.O.No.1111 (P.H.) Misc., Local Self Government, dated 29th April 1929.

II

B.P.Rt. No. 2812, dated 1st June 1931 (4.)

III

Letter from Khan Bahadur J.Hussain, Bar-at-law, Collector of South-Kanara, D.Dis.No. 5018-31, dated the 3rd July 1931:-

Reference.- Board's Resolution 2812, dated 1st June 31.

-

In continuation of my report Ref.C.No. 5018/31, dated

AV 23/7

19th May 1931, I submit herewith a copy of letter Ref.No. 878, dated 29th June 31 from the District Health Officer, South Kanara with reference to para 2 of the Board's order quoted above.

From the facts and figures given in it, it is clear that the scheme has been a great success in the Taluks of Puttur and Karkal and I am therefore of opinion that it may with great advantage be extended to Coondapoor and Kasargod taluks also and recommend its extension accordingly.

Copy of letter Ref.No. 878/31, dated 29th June 1931 from M.R.Ry. B.Subraya Baliga Avargal, L.M.& S.D.T.M., District Health Officer, South Kanara, to the Collector of South Kanara:-

Your Ref. C.No. 5018-31, dated 17th June 1931.

I have the honour to inform you that striking results have been achieved by the scheme of free quinine distribution in the Puttur and Karkal taluks which was started in November 1929 and came into full working order in 1930. Ever since its inception, the results have been so markedly and progressively beneficial to the people, that I have repeatedly suggested in the Public Health Administration reports, the introduction of it in the other taluks of the district and particularly in the Coondapoor taluk.

A study of the statistics of the Puttur and Karkal taluks before the inauguration of the scheme and after, together with a comparison with other taluks may be made to assess the success of the scheme. The following table gives the birth and death rates per mille of population registered in different taluks:-

Taluks.	Birth rate registered in different taluks in 1928.	1929.	1930.	Increase or decrease compared with 1929.
Kasargod.	-	44.9	49.2	4.3
Udipi.	-	42.8	47.8	5.6
Coondapoor.	-	42.6	40.8	1.6
Mangalore.	-	41.7	44.4	2.7
Puttur.	37.5	39.7	47.9	8.3
Karkal.....	34.6	38.9	46.3	7.3

It will be seen from the table that in 1928 and 1929, i.e., before the introduction of the scheme of free quinine distribution, Karkal and Puttur taluks registered lower birth rates than those of the other taluks. By 1930, the position is reversed and they almost top the list with high birth rates. The phenominal increase in those two taluks is in sharp contrast to the increase in the other taluks.

The lowered mortality are likewise striking. That there has been a greater decrease in the registered death rates in those two taluks will be seen from the statement which is given below:-

	Registered death rate in different taluks in		Increase or decrease compared with
	1929.	1930.	1929.
Mangalore.	21.3	17.9	- 3.4
Kasargod.	21.6	21.6	-
Udipi	23.0	21.6	- 1.4
Karkal	27.6	21.7	- 5.9
Puttur	26.7	24.3	- 2.4
Coondapoor.	30.6	28.2	- 2.4

The total number of deaths in 1930 was the lowest recorded yet the decrease being chiefly due to the decrease under fevers. The mortality figures for the different years are shown below:-

	No.of deaths in					Decrease in 1930.
	1926.	1927.	1928.	1929.	1930.	
Fevers.	13125	12762	13654.	11165.	8972.	-2193 over 1929 4682 ,, 1928

Though separate figures for malarial mortality cannot be obtained it may be correctly taken that 50 per cent of deaths from fevers are from Malaria. Except for the scheme of free quinine distribution, other things having remained the same, it stands to reason that the decrease obtained was due to less mortality from Malaria.

A talukwar statement of deaths from fevers only, shows that

in the Puttur and Karkal taluks there has been a decrease of nearly 50 per cent.-

	Death rates from fevers only in 1928.	1929.	1930.	
Coondapoor.	15.5	15.4	12.5	
Puttur.	18.8	13.2	11.5	compared with 1928 decrease of nearly 50%
Karkal	20.0	12.8	9.5	
Kasargod	10.0	6.9	6.6	
Udipi	6.3	8.7	6.5	
Mangalore.	5.4	4.1	3.2	

We may now look at the total number of deaths recorded since 1926 under fevers in the Puttur and Karkal taluks only.-

	Total number of deaths in 1926.	1927.	1928.	1929.	1930.	difference between 1928 and 1930	
Puttur.	3331	3084	3657	2594	1984	-1673	nearly 3200
Karkal.	2958	2642	2799	1789	1330	-1469	lives.

So many as 3200 lives nearly have been saved for the district and the country. If to this we add the fact of the increased birth rate and the improvement in general physique with all the resulting enormous economic gain, we shall have then a true perspective of the material advantage accrued from the scheme of free distribution of quinine.

In this district this is our main stay in the fight against malaria. The geographical features are so peculiar, that in order to achieve tangible results by other anti-malarial measures, they have to be undertaken on a gigantic scale. The cost will be enormous and prohibitive. Unless fortified by a liberal grant from the Government, the local boards cannot embark on such measures. As for a long time funds are not likely to be forthcoming, the scheme of free quinine distribution is the only sheet ancher for the poor people, their only ray of hope. I have every belief that you will press this matter with the Government to a successful conclusion.

The introduction of the scheme in the remaining taluks of the district is a necessity. Of these the Coondapoor talu may be said to have a large moiety of the malarial infectior while other taluks though in a smaller measure have still a depressing amount of the infection.

Reference.-

Submitted to Government.

2. The Board strongly recommends the Collector's proposal to extend the free distribution of quinine to Coondapoor and Kasaragod taluks.

K Raman Nair 21.7.31

Assistant Secretary.

To the Secretary to Government,

Local Self Government Department.

M.D. 20-7

21/7

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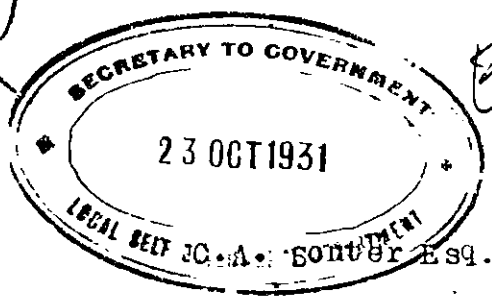


Office of the BOARD OF Revenue,
I. Rev. and Sett. Madras.

To

C.A. Souter Esq., I.C.S.
Commissioner of Land Revenue and Settlement.

.....

Reference No. H. 3716.31-2, dated 21-10-31

The Board solicits the orders of Government on its reference noted below.

21.10.31
Assistant Secretary.

To the Secretary to Government, L&S Department.

Reference No. H. 3716.31, dated 20.7.31

Subject.

Malaria. Anti distribution zyquinine (S. Kanara)-
Extension of Concessions thereto to Dr. Bellis proposal.
Recommended

LSG (PH) Dept

By Memo No 42609-IE, P.H dt 29-10-31

The Secretary Board of Revenue

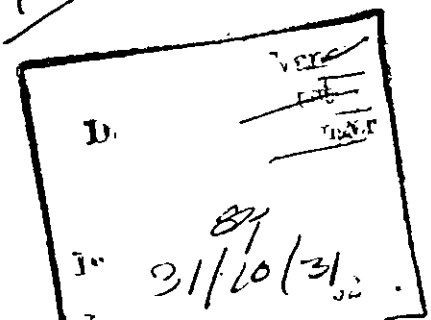
I am directed to say that the Board of Revenue is informed that the matter is still under consideration of Govt.

(See file below)

27.10.31

29/X/31

To the Bd of Revenue KRMS.



SECRETARY

1307

4 APR 1932

Ref. No. 4.3716/31-3

Office of the Board of Revenue,
Land Revenue & Settlement,
Chepauk, Madras 1/2 .. 1932.

C. A. Hunter Esq., I.C.S.,
Commissioner of Land Revenue & Settlement.

The Board solicits the orders of Government on the reference noted below.

for Secretary.

To the Under Secretary to Government, L. S. G. (P.H.) Dept.

Reference No. 4.3716/31-1 dated 20.7.31.

Malaria. Free distribution of quinine. (S. Kanara) Extension to Coondapoor and Kasaragod Taluks. Govt's proposals.

15
9.4

1 S G C P. H 1 2 8 C H 4 3

Subject. Malaria. South Kanara Dt. Extension of the scheme of free distribution of quinine.

Ref Memo No. 13007-1E/PHH 8/4/32

The Govt. Board of Revenue is informed that orders extending the scheme of free distribution of quinine to other Talukes in the South Kanara district are issued.

av
6-4-32

8/4/32

Form No 7 Rev(R & S)
W.R.C. ~~Memo~~ Circular reference
No. 3716/A-3 of 1/4/32

D1

Vett

I

Date 11/4/32

L.S.G. (P.H.) Dept.

Cno 27954 from the Bd of Revenue, LRs
R No 3716/31-1 & 20-7-31

Subject

Malaria - free distribution of Quinine (South Kanara) - extension to Coondapoor and Kasaragod taluks.

The Coll^r recommends that the scheme of free distribution of quine may be extended to Coondapoor and Kasaragod taluks (S. Kanara) ~~to proceed to exercise control~~ the Bd of Revenue strongly recommends the Coll^r's proposals. The scheme is at present working in Puttur and Karkal talukas and the D.P.H has proposed the extension of the scheme to Coondapoor and parts of Udipi talukas. The proposal of the D.P.H to revise the scheme and to extend it to new areas is separately under consideration. A decision thereon may be awaited. ~~in the present case~~. (14.8.31)

(X) in limited file No I
para 2 of G.O. S. & P.H. 14-5-28
vide list at (I) in limited file No I

(fifteenth D.S)

30/8/31

LSG(P.H)1932

Cno 27957 from the Bd of Rev.
LRTS Ref. No. H.3716
of 20.7.31

Subject

Kalania. South Kanara District. free distribution of quinine. papers recorded with reference to Govt No 286 P.H of 8.4.32

Govt No 1068 PH 8/1875/32

Recorded with reference to Govt No 286 P.H of 8.4.32

To The Bd of Revenue
LRTS
(940)